



PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/849,979-Conf. # 8748
				Filing Date	May 21, 2004
				First Named Inventor	Steven M. Ruben
				Art Unit	1646
				Examiner Name	P. Mertz
Sheet	1	of	2	Attorney Docket Number	PZ028P2C1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PM	BG	09/912,293	NOT PUBLISHED	ROSEN ET AL.	pages 1-75 (pages 1 & 2 partially redacted); portion of Table 2; and SEQ ID NOS: 95819, 95820, 96106, 96643 and 96644.
PM	BH	09/912,292	NOT PUBLISHED	ROSEN ET AL.	pages 1-75 (pages 1 & 2 partially redacted); portion of Table 2; and SEQ ID NOS: 11013 and 21531.

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Examiner Signature	<i>Prima Mertz</i>	Date Considered	4/20/06
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PM	BI	GenBank Accession No. AAB51073, RACEVSKIS et al., "Molecular cloning of LMO41, a new human LIM domain gene," February 15, 2000.		
PM	BJ	GenBank Accession No. U24576, RACEVSKIS, "Human breast tumor autoantigen," May 3, 1995.		
PM	BK	TEUFEL et al., "Sequence identification and characterization of human carnosinase and a closely related non-specific dipeptidase," <i>J Biol Chem.</i> 278(8):6521-31 (2003).		

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				First Named Inventor	Steven M. Ruben
				Art Unit	<i>N/A 1646</i>
				Examiner Name	Not Yet Assigned <i>Prima Meng-</i>
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<i>PM</i>	AA	US-09/912,293	Not Published	Rosen et al.	Pages 1-75 (pages 1 & 2 partially redacted); portion of Table 2; and SEQ ID NO:799 <i>copy</i>
<i>PM</i>	AB	US-09/912,292	Not Published	Rosen et al.	pages 1-75 (pages 1 & 2 partially redacted); and SEQ ID NO:1281 <i>wym</i>

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<i>PM</i>	AC	WO 92/05256	04/1992	Genetics Institute, Inc.	

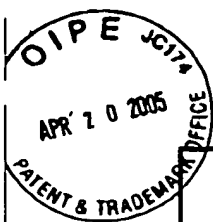
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<i>PM</i>	AD	STECK et al., "Chondrocyte expressed protein-68 (CEP-68), a novel human marker gene for cultured chondrocytes," Biochem. J. (Great Britain) 353:169-174 (2001).		
<i>PM</i>	AE	PEECK, et al., Cell, 50:667 (1987)		
<i>PM</i>	AF	SKOLNICK, et al., Nature Biotechnology, arch 2000, 18:283-287.		
<i>PM</i>	AG	GANONG, Review of Molecular Physiology, 17th edition, Appleton & Lange, pp. 220, 446 (1995).		
<i>PM</i>	AH	CREIGHTON, Proteins, Freeman & Co., pp. 70-73, Structures & Principles (1984).		

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
P-M	AI	WO-97/48801	12-24-1997	Genetics Institute, Inc.		
	AJ	WO-97/48800	12-24-1997	Genetics Institute, Inc.		
	AK	WO-97/48799	12-24-1997	Genetics Institute, Inc.		
	AL	EP-0829538-A2	03-18-1998	Wako Pure Chemical Industries, LTD.		
	AM	WO-99/02686	01-21-1999	Boehringer Ingelheim International		
	AN	WO-00/39327	07-06-2000	Human Genome Sciences, Inc		
	AO	EP-1097997	05-09-2001	Sanofi-Synthelabo		

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PM	AP	GenBank Accession No. AC002518, CHEN et al., "Homo sapiens chromosome X clone bWXD20, *** SEQUENCING IN PROGRESS ***", 10 unordered pieces," September 2, 1997.		
	AQ	GenBank Accession No. Z95328, BIRD, "Human DNA sequence from clone RP3-447B16 on chromosome Xq13.1-13.3," May 12, 1997.		
	AR	GenBank Accession No. U82207, SMITH, "Homo Sapiens chromosome 10 clone CIT987SK-1119P3 map 10q25.1, *** SEQUENCING IN PROGRESS***, 1 ordered pieces," January 22, 1997.		
	AS	GenBank Accession No. AA238564, MARRA et al., "my35f04.r1 Barstead mouse pooled organs MPLRB4 Mus musculus mRNA for TAG7 protein (MOUSE)," March 6, 1997.		
	AT	GenBank Accession No. H41544, HILLIER et al., "yp71d08.s1 Soares adult brain N2b4HB55Y Homo sapiens cDNA clone IMAGE:192879 3', mRNA sequence," August 5, 1995.		
	AU	GenBank Accession No. AA326679, ADAMS et al., "EST29889 Cerebellum II Homo sapiens cDNA 5' end," April 18, 1997.		
	AV	GenBank Accession No. AA348503, ADAMS et al., "EST54964 Hippocampus II Homo sapiens cDNA 5' end, mRNA sequence," April 18, 1997.		
	AW	GenBank Accession No. AI361251, STRAUSBERG et al., "qy42e02.x1 NCI_CGAP_Brn23 Homo sapiens cDNA clone IMAGE:2014682 3' similar to WP:R11H6.1 CE12770 YEAST HYPOTHETICAL 52.9 KD PROTEIN LIKE; mRNA sequence," January 7, 1999.		
	AX	GenBank Accession No. AC009704, BIRREN et al., "Homo sapiens chromosome 18, clone RP11-231E4, complete sequence," September 1, 1999.		
	AY	KISHI, "Isolation and characterization of human Nramp cDNA," <i>Biochem Biophys Res Commun</i> 204(3):1074-80 (1994).		
	AZ	JACKSON et al., "Purification and properties of human serum carnosinase," <i>Clin Chim Acta</i> . 196(2-3):193-205 (1991).		
	BA	JACKSON et al., "Homocarnosinosis patients and great apes have a serum protein that cross-reacts with human serum carnosinase," <i>Clin Chim Acta</i> . 205(1-2):109-16 (1992).		
	BB	WILLI et al., "A deletion in the long arm of chromosome 18 in a child with serum carnosinase deficiency," <i>Pediatr Res</i> . 41(2):210-3 (1997).		
	BC	LUNDE et al., "Homocarnosinosis: influence of dietary restriction of histidine," <i>Neurochem Res</i> . 11(6):825-38 (1986).		
	BD	MURPHEY et al., "Serum carnosinase deficiency concomitant with mental retardation," <i>Pediatr Res</i> . 7(7):601-6 (1973).		

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PM	BE	FLEISHER et al., "Carnosinase deficiency: a new variant with high residual activity," <i>Pediatr Res.</i> 14(4 Pt 1):269-71 (1980).	
PM	BF	Partial European Search Report, Application No. EP 99 92 1691, mailed March 23, 2005.	

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